

<p>90-365654/49 A89 E14 G08 S06 RICO 03.04.89 RICOH KK *JO 2264-263-A 03.04.89-JP-085604 (29.10.90) G03g-05/06 Electrophotographic photoreceptor for copying machine - comprises layer of specific charge generation cpd charge transport layer and binder resin C90-159187</p>	<p>A(12-L5D) E(25-B) G(6-C14, 6-F6, 6-F7)</p>
<p>An electrophotographic photoreceptor comprises a charge generation layer (CGL) contg. a cpd. of formula (I), and a charge transport layer (CTL) laminated onto a conductive support.</p> $ \begin{array}{c} \text{Ar}_1 \quad \quad \text{R}_2 \\ \diagdown \quad \diagup \\ \text{C}=\text{C}-(\text{CH}=\text{CH})_n-\text{Ar}_2-\text{N} \\ \diagup \quad \diagdown \quad \quad \quad \diagup \quad \diagdown \\ \text{R}_1 \quad \quad \quad \quad \quad \text{R}_3 \quad \quad \text{R}_4 \end{array} \quad (I) $ <p>R₁-R₄ = H, opt. substd. lower alkyl or opt. substd. aryl; Ar₁ = opt. substd. aryl; Ar₂ = opt. substd. arylene; Ar₁ and R₂ may combine to form a ring; and n = 0 or 1.</p>	<p>USE/ADVANTAGE The photoreceptor is useful for copying machines or printers. It has high sensitivity and prevents delay in raising the charging potential after repeated use and provides good images without staining on the ground.</p> <p>EMBODIMENT The content of (I) is 0.01 pt. wt. or more, pref. 0.05 pt. wt. or more, esp. 0.1 pt. wt. or more per pt. wt. charge generation material. The CGL consists of a charge generation material, (I) and opt. binder resin, e.g., polyamide, polyester, epoxy resin or polycarbonate. (18ppW90GBDwgNo0/0)</p> <p style="text-align: right;">J02264263-A</p>